

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--------------------|------------------|---------|------------------|
| L1 | 4019 | sensor same heater with surface | US-PGPUB; USPAT | ADJ • | ON | 2007/07/02 07:59 |
| L2 | 146 | L1 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 07:56 |
| L3 | 74 | L1 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 08:03 |
| L4 | 177 | L1 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 08:11 |
| L5 | 20026 | heater near4 surface | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 08:11 |
| L6 | 344 | L5 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 08:35 |
| L7 | 1 | ("5520881").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/02 08:36 |
| L8 | 63 | chemical controller | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 08:40 |
| L9 | 6 | L8 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 08:47 |
| L10 | 1 | ("5992215").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/02 08:59 |
| L11 | 6 | chemical controller and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 09:02 |
| L12 | 2 | chemical controller and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 09:04 |
| L13 | 63 | chemical controller | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:37 |
| L14 | 2 | chemical controller same substrate | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 09:04 |
| L15 | 671 | chemical near5 controller and substrate | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 09:07 |
| L16 | 53 | L15 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 09:17 |
| L17 | 82 | aerosol same controller same chemical | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 09:17 |
| L18 | 28 | chemical controller same sensor | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:19 |
| L21 | 3 | chemical controller same analyzer | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:27 |
| L24 | 3 | analyer and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:27 |
| L25 | 118806 | fluorescence and analyer or detector and chemical | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:41 |

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|-----|-------|---|--------------------|-----|-----|------------------|
| L26 | 7968 | L25 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:38 |
| L27 | 0 | L25 and "436/172".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:38 |
| L28 | 1075 | L25 and "436/172".ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:38 |
| L29 | 27984 | fluorescence and (analyzer or detector) and chemical | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:41 |
| L30 | 883 | L29 and 436/172.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 11:04 |
| L31 | 1 | ("4651010").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/02 11:04 |
| S1 | 74 | cole barrett.in. | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 07:56 |
| S2 | 12 | gu yuandong.in. | US-PGPUB; USPAT | ADJ | ON | 2007/06/07 17:21 |
| S3 | 312 | particle detector and fluorescents | US-PGPUB; USPAT | ADJ | ON | 2007/06/07 17:21 |
| S4 | 804 | particle adj (detector or analyzer) and fluorescents | US-PGPUB; USPAT | ADJ | ON | 2007/06/07 17:40 |
| S5 | 804 | particle adj (detector or analyzer) and fluorescent | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 13:08 |
| S6 | 120 | S5 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/06/07 17:41 |
| S7 | 94 | S6 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/07 17:41 |
| S8 | 30 | ((("2002003115") or ("200200183858") or ("4754139") or ("4614961") or ("4752694") or ("4956686") or ("5021663") or ("5076097") or ("5146465") or ("5278435") or ("5286976") or ("5293041") or ("5300777") or ("5300915") or ("5550373") or ("5550373") or ("5667538") or ("5679965") or ("5701012") or ("5739554") or ("5834331") or ("5847397") or ("5900650") or ("5909280") or ("5999250") or ("6080988") or ("6097031") or ("6230572") or ("6287940") or ("6295130") or ("6296779") or ("6324192") or ("6590710"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/20 08:50 |
| S13 | 26 | S8 and substrate | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 12:58 |
| S15 | 22 | S13 and temperature | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 12:59 |

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|-----|-------|--|--------------------|-----|----|------------------|
| S16 | 21 | S15 and surface | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 12:59 |
| S17 | 3451 | particle adj (analyzer or detector) and device | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 13:08 |
| S18 | 345 | S17 and substrate and collection and temperature | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 13:09 |
| S19 | 120 | S18 and adjust | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 13:33 |
| S20 | 9 | 436/172.ccls. and substrate and analyzer and collector and temperature | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 13:35 |
| S21 | 138 | "436".clas. and substrate and analyzer and collector and temperature | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 10:50 |
| S22 | 29 | 436/172.ccls. and sample and aerosol and energy and detector | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 13:49 |
| S23 | 47 | 436/172.ccls. and sample and aerosol and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 15:59 |
| S24 | 6 | 436/172.ccls. and sample and aerosol and fluorescence and illuminate and heat | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 14:52 |
| S25 | 6 | 436/172.ccls. and sample and aerosol and fluoresc\$ and illuminate and heat | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 15:18 |
| S26 | 65 | "436" and sample and aerosol and fluoresc\$ and illuminate and heat | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 15:18 |
| S27 | 28 | "436".clas. and sample and aerosol and fluoresc\$ and illuminate and heat | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 15:24 |
| S28 | 286 | sample and aerosol and fluoresc\$ and illuminate and (heat or incubate) | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 15:24 |
| S29 | 616 | 436/172.ccls. and sample and fluoresc\$ and (heat or incubate) | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:00 |
| S30 | 272 | 436/172.ccls. and sample and fluoresc\$ and (heat or incubate) and illuminat\$ | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:00 |
| S31 | 81857 | sample and fluoresc\$ and (heat or incubate) | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:30 |
| S32 | 51535 | S31 and biological | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:30 |
| S33 | 70921 | S31 and chemical | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:30 |
| S34 | 4277 | S32 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:30 |

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|-----|-------|---|------------------------|-----|-----|------------------|
| S35 | 3345 | S34 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:31 |
| S36 | 262 | S35 and humidity | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:45 |
| S37 | 1 | ("5674098").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/12 16:45 |
| S38 | 4 | ("3992158" "4069017" "4110079" "4166093").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/12 16:45 |
| S39 | 311 | ("3992158").URPN. | USPAT | ADJ | ON | 2007/06/12 17:03 |
| S40 | 1941 | 436/172.ccls. | USPAT | ADJ | ON | 2007/06/13 12:44 |
| S41 | 1596 | S40 and @py<="2004" and @ay<="2004" | USPAT | ADJ | ON | 2007/06/12 17:04 |
| S42 | 532 | S41 and (incubate or heat) | USPAT | ADJ | ON | 2007/06/12 17:36 |
| S43 | 8831 | "436".clas. and substrate and sample and temperature | USPAT | ADJ | ON | 2007/06/12 17:37 |
| S44 | 2028 | S43 and (analyzer or detector) and particle | USPAT | ADJ | ON | 2007/06/12 17:37 |
| S45 | 1641 | S44 and @py<="2004" and @ay<="2004" | USPAT | ADJ | ON | 2007/06/12 17:40 |
| S46 | 171 | S45 and temperature near5 surface | USPAT | ADJ | ON | 2007/06/12 18:18 |
| S47 | 8 | biosensor and (fluorescence or fluorescent) and heater near5 surface | USPAT | ADJ | ON | 2007/06/12 18:19 |
| S48 | 12070 | fluorescence and biological and heat and temperature and (analyzer or detector) | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 18:49 |
| S49 | 7281 | S48 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 18:49 |
| S50 | 3634 | S49 and biological near3 sample | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 19:02 |
| S51 | 85 | S50 and 436/172.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 19:21 |
| S52 | 31 | biosensor and surface near5 heater | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 19:36 |
| S53 | 283 | aerosol and particle analyzer | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 19:37 |
| S54 | 69 | S53 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 19:37 |

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|-----|------|---|------------------------------|-----|----|------------------|
| S55 | 66 | ("3593055" "3599109" "3634614" "3869614" "4000252" "4032351" "4100416" "4180740" "4206132" "4208299" "4228237" "4372745" "4441943" "4492751" "4604364" "4666862" "4695393" "4710635" "4724217" "4727020" "4837169" "4861711" "4868103" "4880750" "4905169" "4913883" "4983359" "5043265" "5066580" "5075078" "5089424" "5102786" "5132242" "5141740" "5141850" "5160701" "5166948" "5185265" "5188942" "5194289" "5196709" "5208651" "5244630" "5247339" "5252459" "5324633" "5326692" "5356782" "5360628" "5399315" "5512493" "5541012" "5573909" "5599578" "5602040" "5622871" "5637509" "5672478" "5674698" "5698397" "5714389" "5736410" "5750333" "5820826" "5922615" "5939331").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/12 19:48 |
| S56 | 1011 | 422/82.07,82.08.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 08:26 |
| S57 | 788 | S56 and (analyzer or detector). | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 08:16 |
| S58 | 28 | S57 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 08:17 |
| S59 | 31 | S56 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 10:56 |
| S60 | 319 | 422/82.07.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 10:56 |
| S61 | 1322 | 422/82.08 | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 10:56 |
| S62 | 884 | 422/82.08.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 10:57 |
| S63 | 1011 | S60 or S62 | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 10:57 |
| S64 | 900 | S63 and fluoresc\$ | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 10:57 |
| S65 | 796 | S64 and (analyzer or detector or test) | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 10:58 |
| S66 | 660 | S65 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 11:55 |

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|-----|--------|---|-----------------|-----|-----|------------------|
| S67 | 0 | test strip and fluoresc\$ and temperature near5 couple | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 11:56 |
| S68 | 6 | test strip and temperature near5 couple | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:01 |
| S69 | 2335 | particle analyzer | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:01 |
| S70 | 333 | S69 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:09 |
| S71 | 1 | ("5682038").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/13 12:16 |
| S72 | 0 | aerosol particle analyzer for measuring the amount of analyte in airborne particles.ti. | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:16 |
| S73 | 0 | aerosol particle analyzer for measuring .ti. | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:16 |
| S74 | 6 | aerosol particle analyzer.ti. | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:25 |
| S75 | 608 | particle adj (analyzer or detector) and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:26 |
| S76 | 406 | S75 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:26 |
| S77 | 1941 | 436/172.ccls. | USPAT | ADJ | ON | 2007/06/13 12:44 |
| S78 | 1629 | S77 and fluoresc\$ | USPAT | ADJ | ON | 2007/06/13 12:44 |
| S79 | 65 | S77 and aerosol | USPAT | ADJ | ON | 2007/06/13 12:51 |
| S80 | 55 | S78 and aerosol | USPAT | ADJ | ON | 2007/06/13 13:11 |
| S81 | 44567 | fluoresc\$ and biological and sample | USPAT | ADJ | ON | 2007/06/13 13:12 |
| S82 | 13382 | S81 and (detector or analyzer) | USPAT | ADJ | ON | 2007/06/13 13:17 |
| S83 | 0 | S82 and "422,435,436".clas. | USPAT | ADJ | ON | 2007/06/13 13:13 |
| S84 | 41 | S82 and (collection surface) | USPAT | ADJ | ON | 2007/06/13 13:17 |
| S85 | 179951 | (analyzer or detector or device or apparatus) and (fluorescence or fluorescent) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 08:46 |
| S86 | 19353 | S85 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 08:46 |

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|----------|-------|---|--------------------|-----|-----|------------------|
| S87 | 30 | (("2002003115") or ("200200183858") or ("4754139") or ("4614961") or ("4752694") or ("4956686") or ("5021663") or ("5076097") or ("5146465") or ("5278435") or ("5286976") or ("5293041") or ("5300777") or ("5300915") or ("5550373") or ("5550373") or ("5667538") or ("5679965") or ("5701012") or ("5739554") or ("5834331") or ("5847397") or ("5900650") or ("5909280") or ("5999250") or ("6080988") or ("6097031") or ("6230572") or ("6287940") or ("6295130") or ("6296779") or ("6324192") or ("6590710")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/20 12:29 |
| S88 | 4 | S87 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 11:45 |
| S89 | 4 | S87 and fluoresc\$ | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:09 |
| S90 | 3 | S87 and aerosol and fluoresc\$ | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:29 |
| S91 | 78525 | fluoresc\$ and biological and substrate | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:10 |
| S92 | 52506 | S91 and (analyzer or device or apparatus) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:13 |
| S93 | 52506 | S92 and substrate | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:14 |
| S94 | 32016 | S93 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:22 |
| S95 | 5140 | (bioparticle or biological sample) and aerosol and (heat or heating) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:24 |
| S96 | 3 | S95 and (fluorscence or flourscent) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:24 |
| S97 | 48153 | (fluorescent or fluorescence) and biological and method and heat | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:30 |
| S98 | 30609 | S97 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:33 |
| S99 | 7969 | S97 and @py<="2000" and @ay<="2000" | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:43 |
| S10 0 | 1095 | S99 and (fluorescent or fluorescence) same biological | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:50 |
| S10 1 | 304 | S100 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:57 |
| S10 2 | 58 | S100 and 436/172.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 14:19 |

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|----------|-------|---|------------------------------|-----|----|------------------|
| S10 3 | 379 | chemiluminescence same heat | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 14:32 |
| S10 4 | 304 | chemiluminescence same heat and (energy or light) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 14:34 |
| S10 5 | 136 | chemiluminescence same heat and (energy or light) and detector | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 15:04 |
| S10 6 | 299 | particle detector and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 15:10 |
| S10 7 | 2219 | 436/172.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 16:26 |
| S10 8 | 1405 | S107 and (detector or analyzer) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 15:11 |
| S10 9 | 1199 | S108 and fluoresc\$ | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 15:11 |
| S11 0 | 11 | ("4673288" "4790653" "4818103" "4927268" "4997275" "5013150" "5106187" "5135302" "5166537" "6320656" "RE36074").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/20 16:09 |
| S11 1 | 1089 | 436/172.ccls. and substrate | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 16:27 |
| S11 2 | 100 | "L38" and fluoresc\$ and (detector or analyzer) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 16:28 |
| S11 3 | 55 | S112 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 16:27 |
| S11 4 | 100 | "L38" and fluoresc\$ and (detector or analyzer) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 16:35 |
| S11 5 | 113 | collection surface and substrate and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 16:36 |
| S11 6 | 30 | collection surface same substrate and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 17:57 |
| S11 7 | 102 | collection surface same substrate and temperature | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:04 |
| S11 8 | 39205 | heater with surface | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:07 |
| S11 9 | 18 | S118 and substrate and collection surface | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:04 |
| S12 0 | 0 | ("2005/0147533").URPN. | USPAT | ADJ | ON | 2007/06/20 18:05 |
| S12 1 | 0 | ("2005/0147533").URPN. | USPAT | ADJ | ON | 2007/06/20 18:06 |
| S12 2 | 0 | ("2005/0147533").URPN. | USPAT | ADJ | ON | 2007/06/20 18:06 |
| S12 3 | 298 | S118 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:08 |

EAST Search History

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|----------|-------|--|--------------------|-----|----|------------------|
| S12 4 | 242 | S123 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:16 |
| S12 5 | 2360 | test strip and fluorescence and substrate | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:17 |
| S12 6 | 60 | test strip and fluorescence and substrate and (heater or thermal couple) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:26 |
| S12 7 | 228 | test strip and substrate and (heater or thermal couple) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:30 |
| S12 8 | 40 | test strip and substrate and (heater or thermal couple) with (surface or top) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:35 |
| S12 9 | 100 | test strip and (heater or thermal couple) with (surface or top) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:53 |
| S13 0 | 494 | test strip and heater | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:54 |
| S13 1 | 37 | test strip and heater near5 surface | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:54 |
| S13 2 | 11786 | wafer and heater same surface | US-PGPUB; USPAT | ADJ | ON | 2007/06/21 12:04 |
| S13 3 | 9945 | S132 and substrate | US-PGPUB; USPAT | ADJ | ON | 2007/06/21 12:05 |
| S13 4 | 72 | S133 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/21 12:05 |
| S13 5 | 0 | ("2005/0147533").URPN. | USPAT | ADJ | ON | 2007/06/21 15:04 |
| S13 6 | 0 | ("2005/0147533").URPN. | USPAT | ADJ | ON | 2007/06/21 15:04 |
| S13 7 | 57 | bioparticles and fluorescence | USPAT | ADJ | ON | 2007/06/21 15:04 |
| S13 8 | 57 | bioparticle and fluorescence | USPAT | ADJ | ON | 2007/06/21 15:12 |
| S13 9 | 7431 | (biological or bioparticles) and (fluorescent or fluorescence) and "436".clas. | USPAT | ADJ | ON | 2007/06/21 15:12 |
| S14 0 | 3960 | S139 and (heat\$3) | USPAT | ADJ | ON | 2007/06/21 15:13 |
| S14 1 | 230 | S139 and (heat\$3 near5 surface) | USPAT | ADJ | ON | 2007/06/21 15:43 |
| S14 2 | 1946 | 436/172.ccls. | USPAT | ADJ | ON | 2007/06/21 15:52 |
| S14 3 | 907 | S142 and (heat\$3) | USPAT | ADJ | ON | 2007/06/21 15:44 |
| S14 4 | 1946 | 436/172.ccls. | USPAT | ADJ | ON | 2007/06/21 15:52 |

EAST Search History

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|----------|-------|---|------------------------------|-----|-----|------------------|
| S14 5 | 65 | S144 and aerosol | USPAT | ADJ | ON | 2007/06/21 16:13 |
| S14 6 | 1 | ("6989086").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/21 16:15 |
| S14 7 | 169 | heater near5 surface and "436". clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/21 16:16 |
| S14 8 | 5 | ("3778229" "3924219" "3955929" "4015230" "4045178").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/21 16:22 |
| S14 9 | 2 | collection surface same carbon nanotube | US-PGPUB; USPAT | ADJ | ON | 2007/06/21 17:15 |
| S15 0 | 4211 | surface same carbon nanotube | US-PGPUB; USPAT | ADJ | ON | 2007/06/21 17:15 |
| S15 1 | 2467 | surface with carbon nanotube | US-PGPUB; USPAT | ADJ | ON | 2007/06/21 17:16 |
| S15 2 | 602 | S151 and sensor | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 08:16 |
| S15 3 | 432 | carbon nanotubes and fluorescence and sensor | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 09:01 |
| S15 4 | 602 | sensor and surface with carbon nanotube | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 09:02 |
| S15 5 | 15 | S154 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 10:06 |
| S15 6 | 523 | "436".clas. and aerosol and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 10:06 |
| S15 7 | 289 | S156 and @ay<="2003" and @py<="2003" | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 10:11 |
| S15 8 | 78 | S157 and sensor | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 11:35 |
| S15 9 | 1 | ("6614215").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/22 11:35 |
| S16 0 | 11 | ("4673288" "4790653" "4818103" "4927268" "4997275" "5013150" "5106187" "5135302" "5166537" "6320656" "RE36074").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/22 12:06 |
| S16 1 | 125 | aerosol particles and fluorescence and sensor | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/22 12:09 |
| S16 2 | 41217 | pH and humidity and control | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/22 12:09 |
| S16 3 | 1583 | pH same humidity same control | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/22 12:09 |

EAST Search History

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|----------|-------|--|--------------------|-----|-----|------------------|
| S16 4 | 1 | ("4015230").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/22 12:36 |
| S16 5 | 14012 | heater with surface and sensor | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 12:36 |
| S16 6 | 216 | S165 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 14:35 |
| S16 7 | 1 | ("4241292").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/22 15:33 |
| S16 8 | 14012 | heater with surface and sensor | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 15:35 |
| S16 9 | 216 | S168 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 15:34 |
| S17 0 | 5018 | heater with surface and (detector) | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 15:35 |
| S17 1 | 161 | S170 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 16:01 |
| S17 2 | 72 | thermal couple with surface | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 16:01 |
| S17 3 | 2 | ((("5332550") or ("3953792"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/25 08:26 |
| S17 4 | 1158 | aerosol and fluorescence and lense | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 10:50 |
| S17 5 | 639 | S174 and sensor | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 11:49 |
| S17 6 | 1757 | detector with pixel and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 11:49 |
| S17 7 | 359 | S176 and ("422".clas. or "435".clas. or "436".clas.) | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 11:50 |
| S17 8 | 359 | S176 and ("422".clas. or "435".clas. or "436".clas.) | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 11:50 |
| S17 9 | 155 | S178 and @py<="2003" and @ay<="2003" | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 11:54 |
| S18 0 | 139 | S179 and wavelengths | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 12:00 |
| S18 1 | 0 | array of pixel with detector | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 12:01 |
| S18 2 | 989 | array adj pixels with detector | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 12:01 |
| S18 3 | 131 | S182 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 12:17 |
| S18 4 | 466 | detector with plurality adj wavelength | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 12:17 |
| S18 5 | 54 | S184 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 16:23 |

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|----------|---|--|--------------------|-----|-----|------------------|
| S18 6 | 1 | ("5771094").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/25 16:23 |
| S18 7 | 6 | controller with humidity with temperature with pH | US-PGPUB; USPAT | ADJ | ON | 2007/06/28 17:03 |
| S18 8 | 1 | S187 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/28 17:03 |